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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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EXAMINER
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ART UNIT	PAPER NUMBER
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2755  
DATE MAILED:

09/02/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

# Office Action Summary

Application No.

08/897,217

Applicant(s)

Dawson F. Dean

Examiner

Lewis Bullock, Jr.

Group Art Unit

2755



☒ Responsive to communication(s) filed on 6/11/99

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-21 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-21 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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## **DETAILED ACTION**

### ***Drawings***

1. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

3. Claims 1, 2, 5-7, 10-12, and 15-21 rejected under 35 U.S.C. 102(e) as being anticipated by Judson.

As to claim 1, Judson teaches a method for serving remote procedure calls from an applet which executes within an applet viewer (browser) which in turn executes in a computer system that is serving the remote procedure calls (Col. 6, lines 57-61; Col. 8, lines 3-12), comprising the steps of: receiving from the applet (web server) which executes in the same computer system that serves the remote procedure calls, a request for a document according to a document retrieval

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protocol (http) implemented on a computer network (Col. 5, lines 40-49); determining that the request specifies a function (information object within a html tag) which is defined within a computer process executing independently of the applet and applet viewer (separate file or cache within the client/ "hidden or "masked" and thus ignored by the display routines of the browser") (Col. 5, lines 16-22; lines 56-61) and which includes one or more computer instructions, execution of which performs a task which is unrelated to retrieval of any document specified in the request (visual output/display advertisements/background printing/fill in forms) (Col. 6, lines 29-35; Col. 7, lines 18-21; lines 26-37); and executing the function in the same computer system that is executing the applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the request (Col. 6, lines 1-12; Col. 7, lines 38-44).

As to claim 2, Judson teaches the step of determining that the request includes a document specification which is in a portion of the name space reserved for function requests (Col. 3, line 66-Col. 4, line 4; Col. 6, lines 1-12).

As to claim 5, Judson teaches the document retrieval protocol is HTTP (Col. 5, lines 41-48).

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As to claims 6, 7, and 10, reference is made to a computer readable medium that corresponds to the method of claims 1, 2, and 5, and are therefore met by the rejection of claims 1, 2 and 5 above.

As to claims 11, 12, and 15, reference is made to a system that corresponds to the method of claims 1, 2, and 5, and are therefore met by the rejection of claims 1, 2 and 5 above.

As to claim 16, Judson teaches a method for serving remote procedure calls to an applet which executes within an applet viewer (browser) which in turn executes in a computer system that is serving the remote procedure calls (Col. 6, lines 57-61; Col. 8, lines 3-12), the method comprising: sending to a computer process (web server) executing independently in the same computer system as the applet and applet viewer (browser), a request for a document according to a document retrieval protocol (HTTP service) implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request (information object) (Col. 5, lines 41-49); receiving from the computer process at least a portion of the document requested by the request (web page), a processing request (information object) which specifies a function which in turn (i) is defined within the applet and (ii) includes one or more computer instructions (visual output/display advertisements/background printing/fill in forms) (Col. 5, lines 16-40; Col. 6, lines 29-35; Col. 7, lines 18-21; lines 26-37); and executing the function in the same computer system as the applet

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and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the processing request (Col. 6, lines 1-12; Col. 7, lines 38-44).

As to claim 17, Judson teaches a method for serving remote procedure calls to an applet which executes within an applet viewer (browser) which in turn executes in a computer system from a computer process (web server) executing independently in the same computer system as the applet and applet viewer (Col. 6, lines 57-61; Col. 8, lines 3-12), comprising the steps of: receiving from the applet which executes in the same computer system that serves the remote procedure calls, a request for a document (request) according to a document retrieval protocol (HTTP) implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request (information object) (Col. 5, lines 41-49); sending to the applet as at least a portion of the document requested by the request (downloaded web page), a processing request (information object) which specifies a function which in turn (i) is defined within the applet and (ii) includes one or more computer instructions (visual output/display advertisements/background printing/fill in forms) (Col. 5, lines 16-40; Col. 6, lines 29-35; Col. 7, lines 18-21; lines 26-37); and executing the function in the same computer system that is executing the applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the processing request (Col. 6, lines 1-12; Col. 7, lines 38-44).

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As to claim 18 and 19, references are made to a computer readable medium that corresponds to the method of claims 16 and 17, and are therefore met by the rejections of claims 16 and 17 above.

As to claims 20 and 21, references are made to a system that corresponds to the method of claims 16 and 17, and are therefore met by the rejections of claims 16 and 17 above.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 3, 4, 8, 9, 13, and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Judson in view of "Using Windows 95" by Person.

As to claim 3, Judson teaches that the function executed could be printing a coupon or other information token (Col. 7, lines 26-37). However, Judson does not teach the cited returning step. Person teaches the step of returning result data produced by execution of the function (pg. 779, "Information concerning the status of the printing process automatically returns to you."). Therefore, it would be obvious to one skilled in the art to combine the reference of Judson with the reference of Person in order to provide event notification.

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As to claim 4, it would be obvious that a notification could be conformed into a document.

As to claims 8 and 9, reference is made to a computer readable medium that corresponds to the method of claims 3 and 4, and are therefore met by the rejection of claims 3 and 4 above.

As to claims 13, and 14, reference is made to a system that corresponds to the method of claims 3 and 4, and are therefore met by the rejection of claims 3 and 4 above.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.



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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lewis A. Bullock, Jr. whose telephone number is (703) 305-0439.



ALVIN E. OBERLEY  
SUPERVISORY PATENT EXAMINER  
GROUP 2700

lab

August 18, 1999